



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Weather Shield Manufacturing, Inc.
One Weather Shield Plaza (P.O. Box 309)
Medford, WI 54451-0309

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Legacy Lifeguard 10 Ft. Round Top" Outswing Aluminum Clad Wood French Door-LML

APPROVAL DOCUMENT: Drawing No. 1509, titled "Legacy Lifeguard French Outswing Round Top Door", sheets 1 through 4 of 4, dated 12/13/06, with revision B1 dated 11/01/11, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LIMITATIONS:

1. Windows and ADA Threshold are NOT part of this approval.
2. Nail Fin anchors are part of frame shear screws and NOT an Alternate Option.
3. Maximum Design Pressure Rating of ± 60 psf for doors greater than 71 1/4" (Width) by 99" (Height).

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 12-0710.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



Handwritten signature and date: 6/10/14

NOA No. 14-0424.15
Expiration Date: April 26, 2017
Approval Date: June 19, 2014
Page 1

Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1509**, titled "Legacy Lifeguard French Outswing Round Top Door", sheets 1 through 4 of 4, dated 12/13/06, with revision B1 dated 11/01/11, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 11-1128.03)

B. TESTS

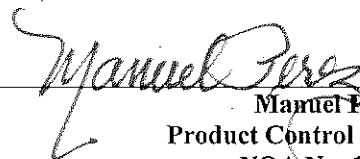
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by Stork Twin City Testing Corporation, Test Report No. **TCTC-WI09003** dated 03/04/09, signed and sealed by Thomas Allan Kolden, P.E.
(Submitted under NOA No. 09-0929.07)
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by Stork Twin City Testing Corporation, Test Report No. **TCTC-WI05008**, dated 01/09/2006, signed and sealed by Thomas Allan Kolden, P. E.
(Submitted under NOA No. 07-0208.10)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, dated 02/01/07 and updated on 11/02/11 prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 11-1128.03)
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)



Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0424.15

Expiration Date: April 26, 2017
Approval Date: June 19, 2014

Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

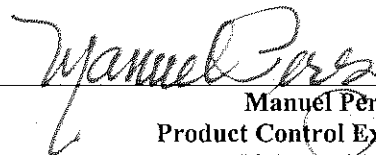
1. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010** and **FBC 5th Edition (2014)**, dated April 10, 2014, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest and independence, dated 11/02/11, signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 11-1128.03)
3. Laboratory compliance letter for Test Report No. **TCTC-WI09003**, issued by Stork Twin City Testing Corporation, dated March 04, 2009, signed and sealed by Thomas Allan Kolden, P.E.
(Submitted under NOA No. 09-0929.07)
4. Laboratory compliance letter for Test Report No. **TCTC-WI05008**, issued by Stork Twin City Testing Corporation, dated January 09, 2006, signed and sealed by Thomas Allan Kolden, P.E.
(Submitted under NOA No. 07-0208.10)

G. OTHERS

1. Notice of Acceptance No. **12-0710.02**, issued to Weather Shield Manufacturing, Inc. for their Series "**Legacy Lifeguard**" 10'0" Aluminum Clad Outswing Wood Round Top French Door – L.M.I.", approved on 07/26/12 and expiring on 04/26/17.



Manuel Pérez, P.E.
Product Control Examiner
NOA No. 14-0424.15

Expiration Date: April 26, 2017
Approval Date: June 19, 2014

GENERAL NOTES:

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE 7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

CORNER CONSTRUCTION

SILL CORNERS: SIDE JAMBS ARE COPED & BUTTED TO SILL AND SECURED WITH 3 NO. 8 X 2 1/2" FH WOOD SCREWS AT EACH HEAD CORNER AND 3 NO. 8 X 3" WOOD SCREWS AT EACH CORNER & SEALED WITH A GASKET & DOW 1166 SILICONE SEALANT.

HEAD FRAME RADIUS END JOINT: SIDE JAMB IS SQUARE CUT AND SECURED TO RADIUS JAMB WITH AN INSTALLATION CLIP (1 1/2" X 20 GA. X 11" LONG GALVANIZED STEEL). EACH PLATE IS FASTENED WITH 12 NO. 6 X 5/8" SS FH WOOD SCREWS (6 EACH SIDE OF JOINT).

DOOR PANEL CORNERS: RAILS ARE BUTTED TO STILES & JOINED WITH 3/4" X 3" LONG WOOD DOWELS; 2 DOWELS PER EACH HEAD RAIL TO LOCK STILE CORNER, 4 DOWELS PER EACH HEAD RAIL TO HINGE STILE CORNER, AND 3 DOWELS PER EACH SILL RAIL TO STILE CORNER. ALL CORNERS ARE SILICONED ALONG THE CORNER SURFACES.

CLAD CORNERS: CLADDING IS MITER CUT & SECURED WITH A 1/4" BEAD OF SILICONE.

ALLOWABLE DESIGN PRESSURE
+60/-70 PSF

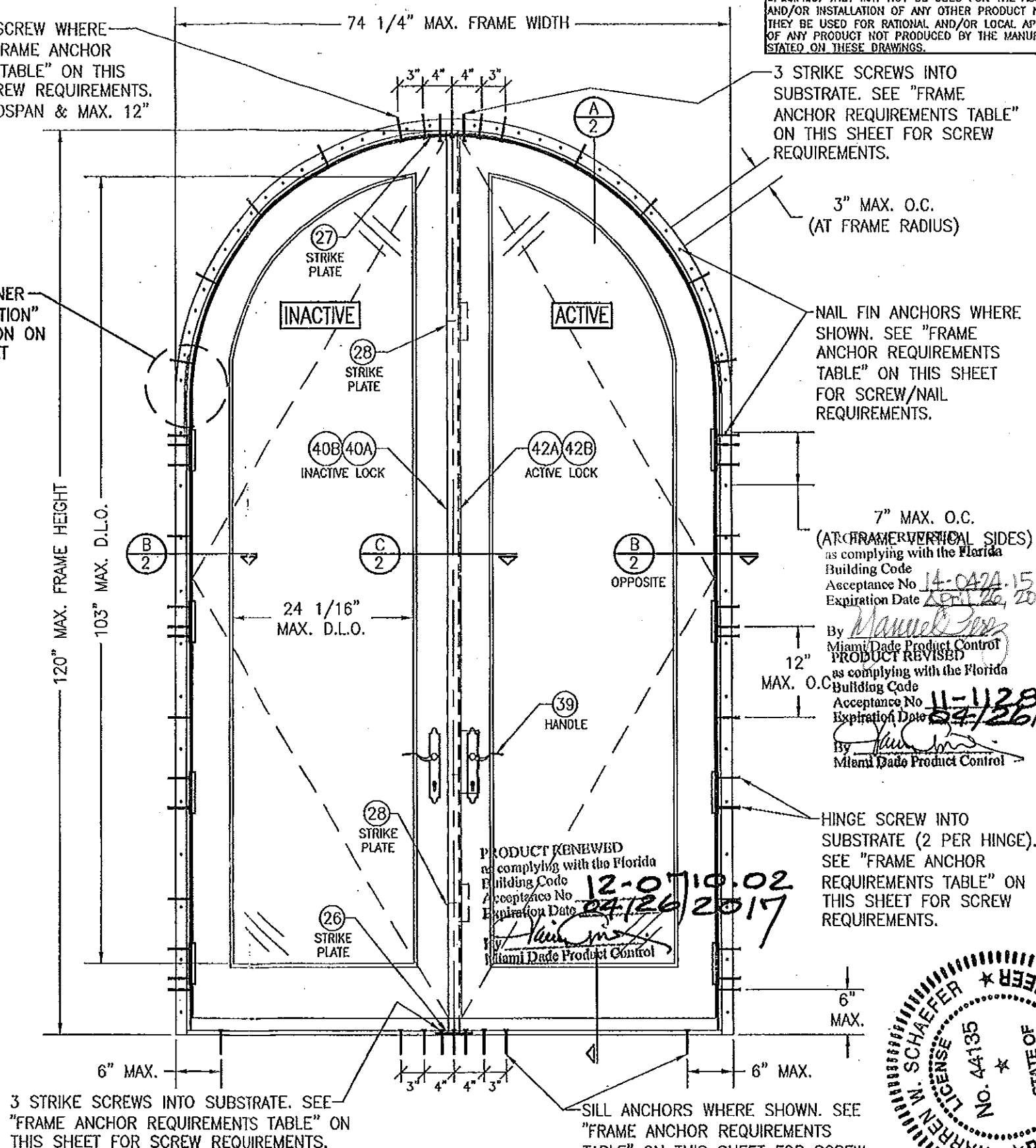
FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME/HINGE/STRIKE SHEAR SCREWS			
2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 1/8" THK A36 STEEL	NO. 10 SELF TAP/DRILLING SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 SELF TAP/DRILLING SCREW	FULL	1/2"
NAILING FIN			
2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 X 1 1/2" SMS	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 SELF TAP/DRILLING SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 SELF TAP/DRILLING SCREW	FULL	1/2"
SILL SCREWS			
2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 1/8" THK A36 STEEL	NO. 10 SELF TAP/DRILLING SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 SELF TAP/DRILLING SCREW	FULL	1/2"
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

FRAME SHEAR SCREW WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW REQUIREMENTS. (5 AT HEAD MIDSPAN & MAX. 12" O.C.)

SEE "CORNER CONSTRUCTION" DESCRIPTION ON THIS SHEET



THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

3 STRIKE SCREWS INTO SUBSTRATE. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW REQUIREMENTS.

3" MAX. O.C.
(AT FRAME RADIUS)

NAIL FIN ANCHORS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW/NAIL REQUIREMENTS.

7" MAX. O.C.
(ARCHITECTURAL SIDES)
as complying with the Florida Building Code
Acceptance No. 14-0424-15
Expiration Date April 26, 2017

By *Manuel J. Lopez*
Miami Dade Product Control
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 11-1128-03
Expiration Date 04/26/2012
By *Jim Smith*
Miami Dade Product Control

HINGE SCREW INTO SUBSTRATE (2 PER HINGE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW REQUIREMENTS.

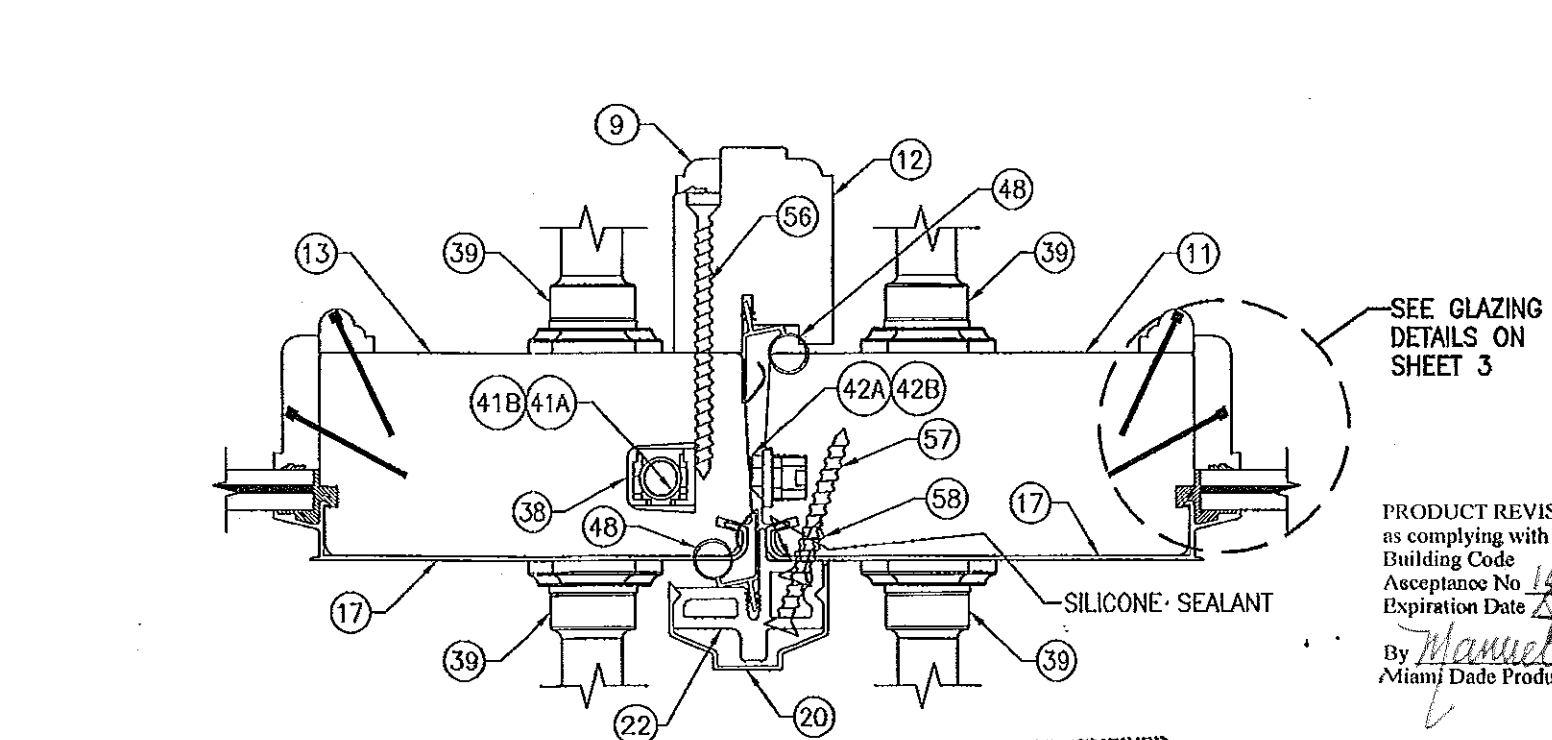
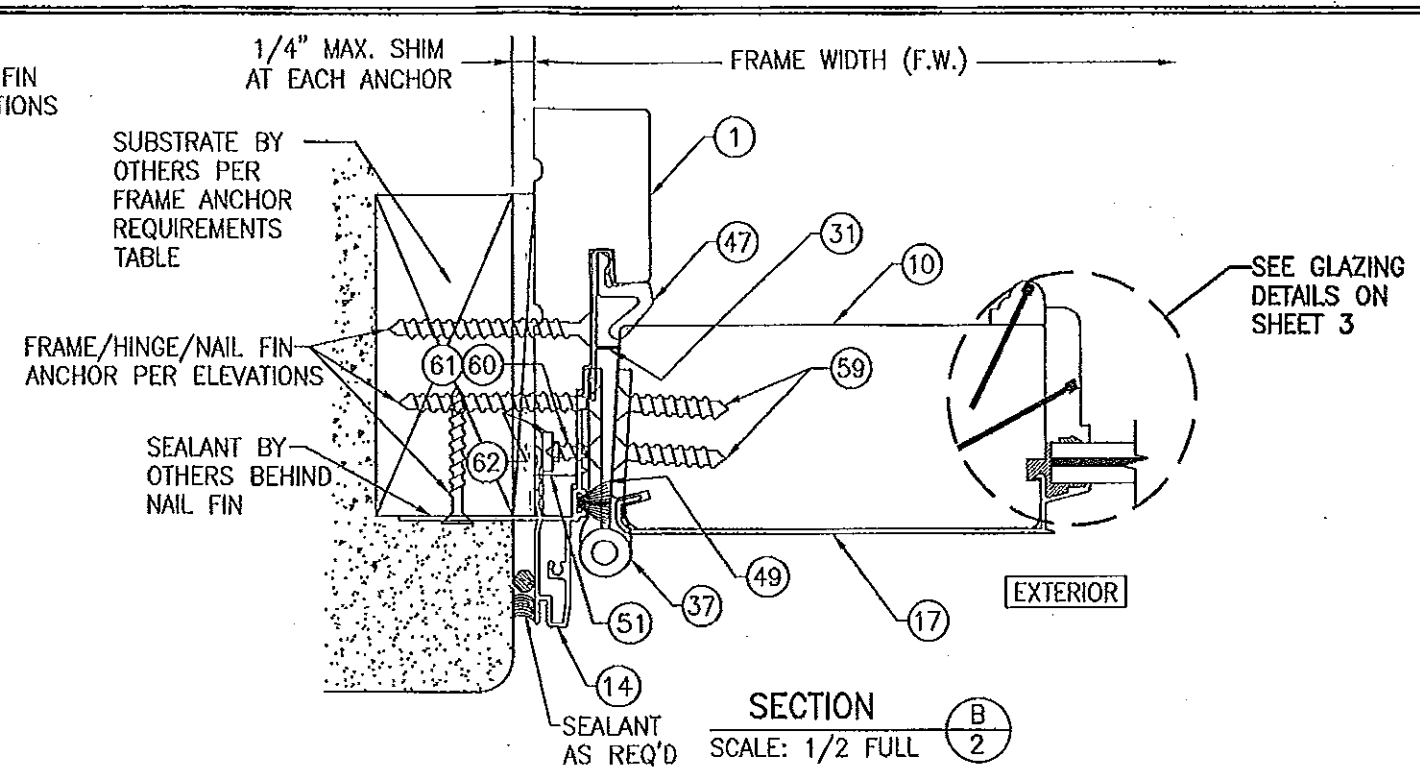
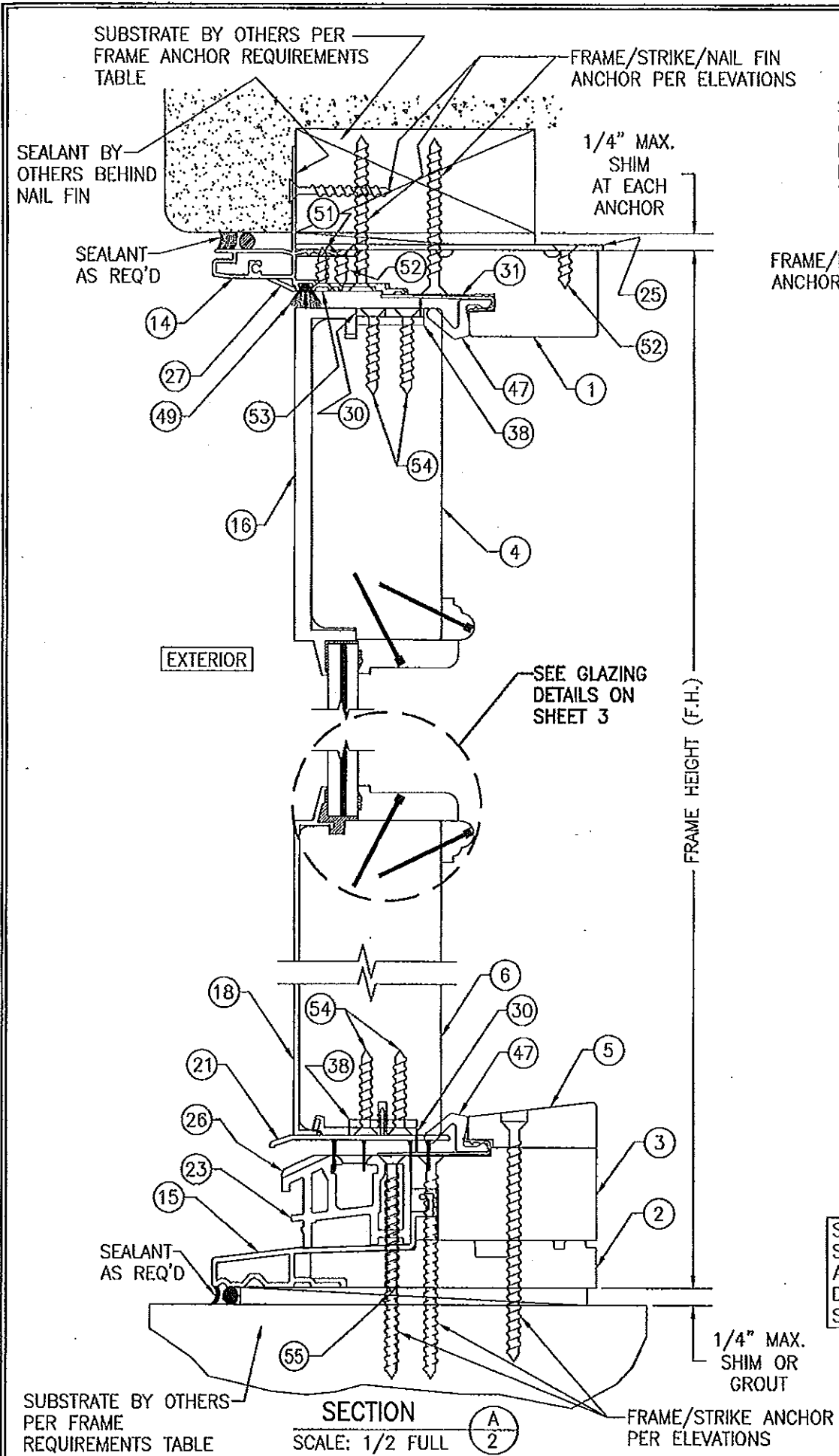
PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 12-0719-02
Expiration Date 04/26/2017
By *Jim Smith*
Miami Dade Product Control

3 STRIKE SCREWS INTO SUBSTRATE. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW REQUIREMENTS.

SILL ANCHORS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW REQUIREMENTS (4 AT MIDSPAN & 1 AT EACH CORNER).

EXTERIOR ELEVATION
DOUBLE RADIUS OUTSWING DOOR
SCALE: 3/4" = 1'-0"

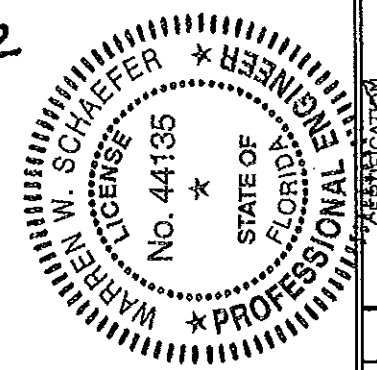
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PLOT: 1-18		DATE: 12/13/06	
DATE	BY	REVISION DESCRIPTION	NO.
02/07/09	WRM	NEW LOCK & GLAZING	A1
11/01/11	WRM	UPDATE TO CURRENT STANDARDS	B1
DRAWING TITLE: LEGACY LIFEGUARD FRENCH OUTSWING ROUND TOP DOOR			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: WEATHER SHIELD WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
NOV 01 2011		P.E. NO. 44135	
DRAWING NO. 1509		REV. B	
SHEET NO. 1		OF 4	



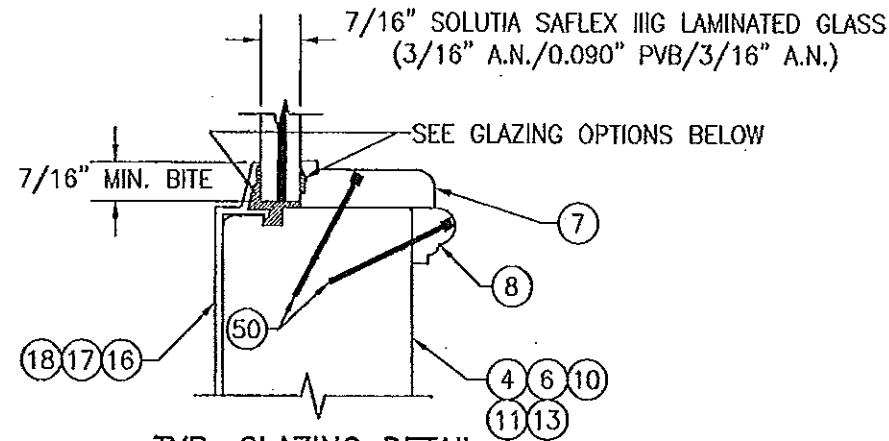
STANDARD SILL CONDITION SHOWN. FOR OPTIONAL ADA SILL CONDITION, SEE DRAWING 1211 UNDER SEPERATE APPROVAL

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 12-0710.02
Expiration Date 02/26/2017
By *Manuel Ruiz*
Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 11-1128.03
Expiration Date 02/26/2012
By *Manuel Ruiz*
Miami Dade Product Control

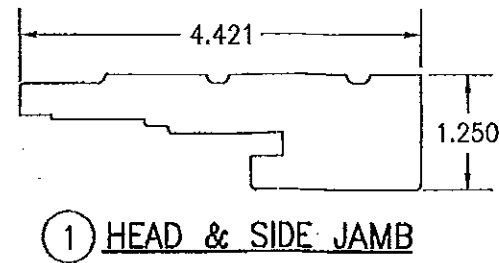


DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1x2	DATE: 12/13/08
NO.	REVISION DESCRIPTION
DATE	BY
DESCRIPTION	
LEGACY LIFEGUARD FRENCH OUTSWING ROUND TOP DOOR	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555
CERTIFICATION NOV 01 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1509	REV. B
SHEET NO. 2	OF 4

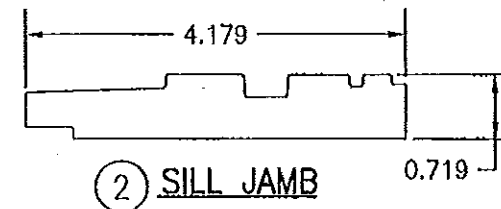


TYP. GLAZING DETAIL
SCALE: 1/2 FULL

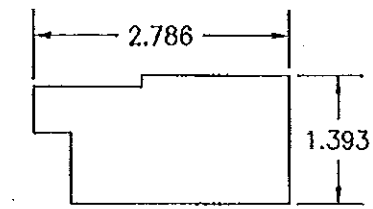
- GLAZING OPTION 1: SIKA SIKAFLEX 552 STRUCTURAL SILICONE AT INTERIOR & EXTERIOR
GLAZING OPTION 2: NATIONAL STARCH HT-20 AT INTERIOR & NATIONAL STARCH PERFECT GLAZE H AT EXTERIOR



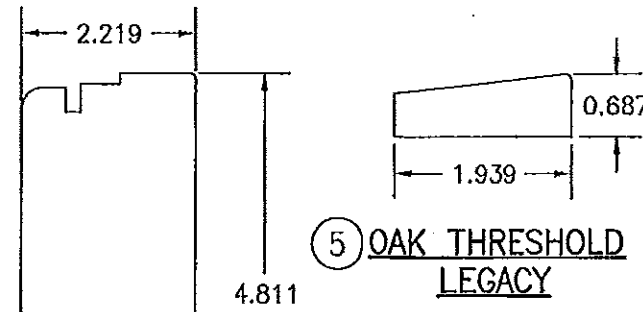
① HEAD & SIDE JAMB



② SILL JAMB

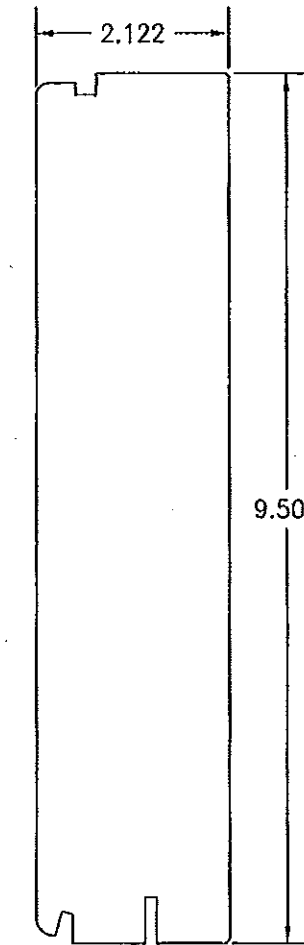


③ SILL BASE

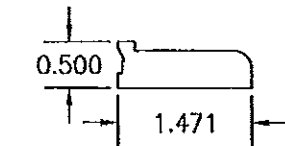


④ TOP RAIL

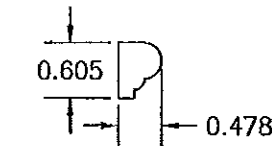
⑤ OAK THRESHOLD
LEGACY



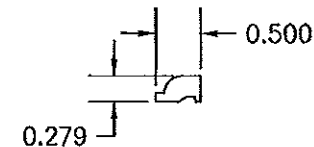
⑥ BOTTOM RAIL



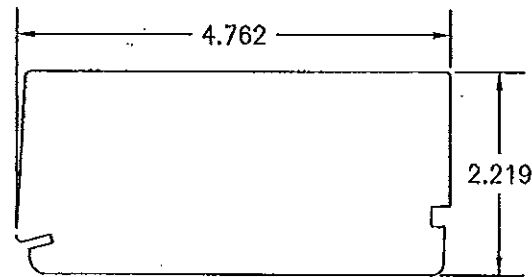
⑦ GLAZING STOP



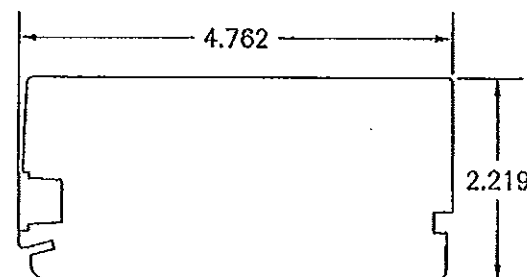
⑧ GLAZING STOP TRIM



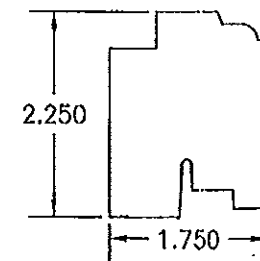
⑨ ASTRAGAL
SCREW CAP



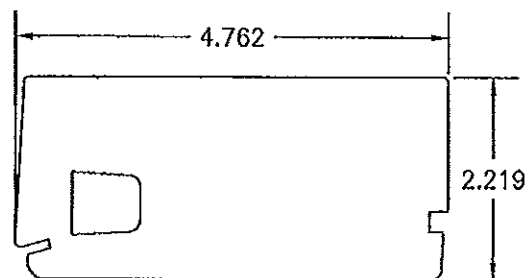
⑩ HINGE STILE



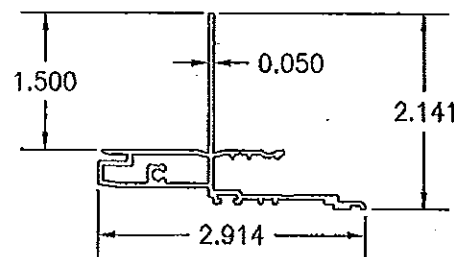
⑪ LOCK STILE



⑫ INTERIOR ASTRAGAL



⑬ INACTIVE MEETING
STILE

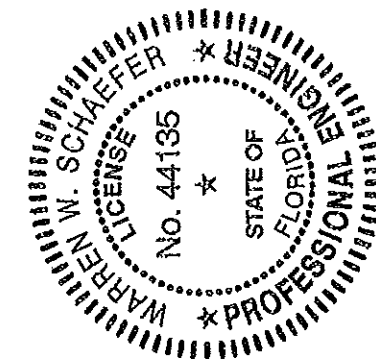


⑭ HEAD & SIDE
FRAME CLADDING

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0424.15
Expiration Date April 26, 2017
By *Manuel Ruiz*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
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Acceptance No. 12-0710.02
Expiration Date 04/26/2017
By *Manuel Ruiz*
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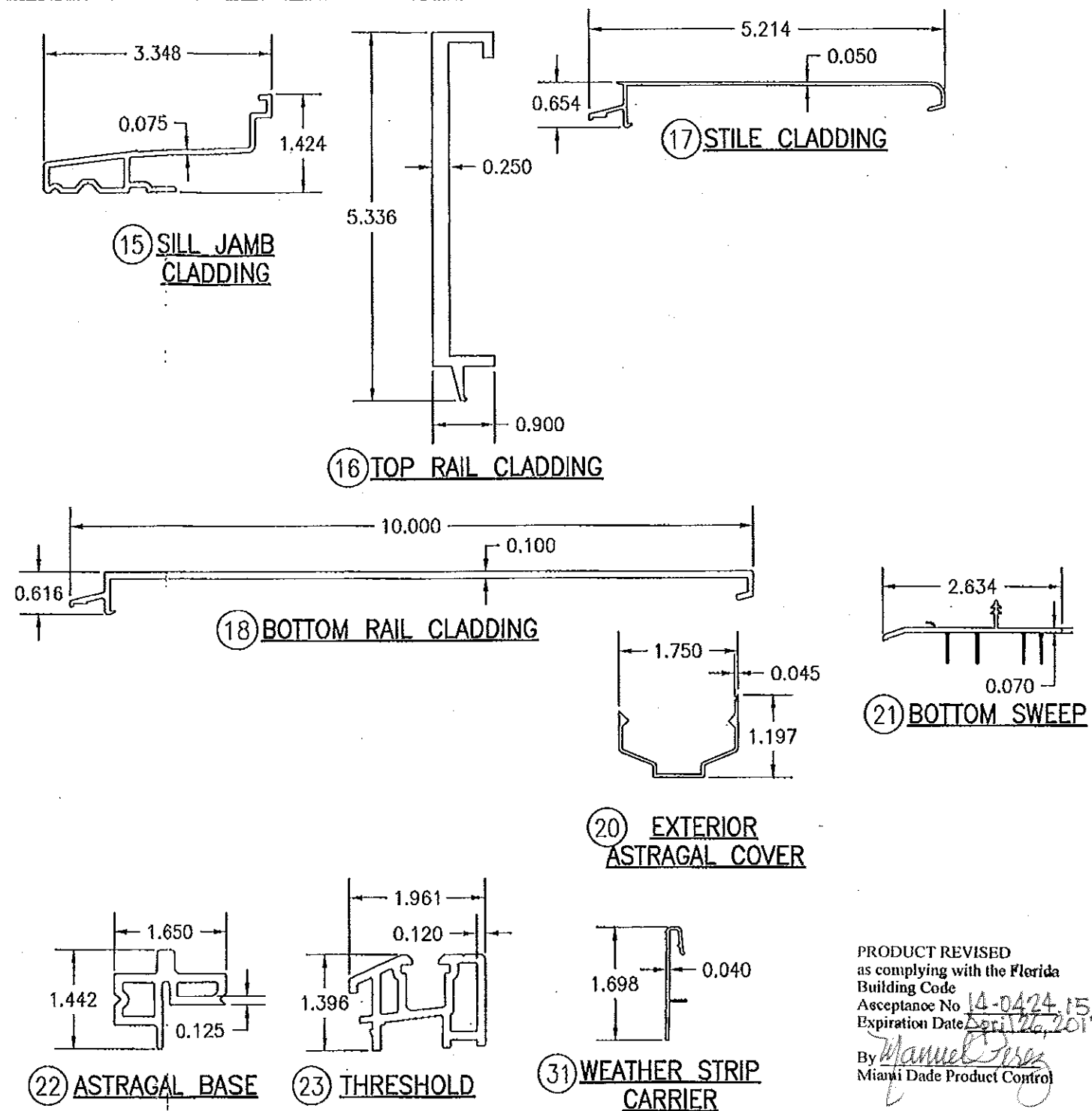
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1128.03
Expiration Date 04/26/2012
By *Manuel Ruiz*
Miami Dade Product Control



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 12/13/08	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE LEGACY LIFEGUARD FRENCH OUTSWING ROUND TOP DOOR			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CERTIFICATION NOV 07 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1509		REV. B	
SHEET NO. 3 OF 4			

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD & SIDE JAMB	* WOOD
2	SILL JAMB	* WOOD
3	SILL BASE	* WOOD
4	TOP RAIL	* WOOD (PINE CORE BLOCK)
5	OAK THRESHOLD LEGACY	OAK
6	BOTTOM RAIL	* WOOD (PINE CORE BLOCK)
7	GLAZING STOP	* WOOD
8	GLAZING STOP TRIM	* WOOD
9	ASTRAGAL SCREW CAP	* WOOD
10	HINGE STILE	* WOOD (PINE WITH LVL CORE)
11	LOCK STILE	* WOOD (PINE WITH LVL CORE)
12	INTERIOR ASTRAGAL	* WOOD
13	INACTIVE MEETING STILE	* WOOD (PINE WITH LVL CORE)
14	HEAD & SIDE FRAME CLADDING	6063-T5 OR 6063-T4 ALUMINUM
15	SILL JAMB CLADDING	6063-T5 ALUMINUM
16	TOP RAIL CLADDING	6063-T5 ALUMINUM
17	STILE CLADDING	6063-T5 ALUMINUM
18	BOTTOM RAIL CLADDING	6063-T5 ALUMINUM
20	EXTERIOR ASTRAGAL COVER	6063-T5 ALUMINUM
21	BOTTOM SWEEP	VINYL
22	ASTRAGAL BASE	6063-T5 ALUMINUM
23	THRESHOLD	VINYL
24	GROMMET	PVC
25	HEAD JAMB BACKER PLATE (10.125" X 4.50" X .080")	STAINLESS STEEL
26	SILL STRIKE PLATE (4.000" X 2.817" X .125")	304 S.S.
27	HEAD STRIKE PLATE (5.634" X 1.762" X .060")	304 S.S.
28	TONGUE STRIKE PLATE (5.000" X 1.000" X .059")	304 S.S.
30	PANEL CORNER REINFORCEMENT BAR (10.100" X 1.000" X .120")	304 S.S. - 1 PER PANEL CORNER
31	WEATHER STRIP CARRIER	VINYL
HARDWARE		
37	4 X 4 ADJUSTABLE HINGE	HOPPE
38	10 MM SHOOT BOLT GUIDE	NYLON 6, 30% GLASS FIBER
39	HANDLE SET	AS REQUIRED TO OPERATE DOOR LOCKS
40A	2-POINT CONCEALED INACTIVE PANEL LOCK SET	HOPPE
40B	2-POINT CONCEALED INACTIVE PANEL LOCK SET	ASHLAND XP45
41A	.38 TOP & BOTTOM EXTENSION ROD CONCEALED	HOPPE NORTH AMERICA HLS SERIES
41B	.38 TOP & BOTTOM EXTENSION ROD CONCEALED	ASHLAND XP45
42A	5-POINT ACTIVE PANEL LOCK ASSY. W/SHOOT BOLTS	HOPPE NORTH AMERICA HLS 9000 SERIES
42B	5-POINT ACTIVE PANEL LOCK ASSY. W/SHOOT BOLTS	ASHLAND XP45
SEALS & SEALANTS		
47	HEAD, SILL & SIDE TFT WEATHERSTRIP	FOAM
48	INTEK ARLOC WEATHERSTRIP	VINYL
49	AMESBURY WEATHERSTRIP	PILE
FASTENERS		
50	F16 X 1 1/2" BRAD NAIL	2" FROM ENDS & 12" MAX. O.C.
51	3/16" X 1/2" STAPLE	3" FROM ENDS & 20" MAX. O.C.
52	NO. 7 X 5/8" FH WOOD SCREW	8 PER HEAD JAMB BACKER PLATE
53	NO. 7 X 5/8" FH WOOD SCREW	2 PER HEAD STRIKE PLATE
54	NO. 8 X 1 1/4" WOOD SCREW	4 PER CORNER REINFORCEMENT PLATE
55	NO. 8 X 1 1/2" FH SMS SCREW	2 PER STRIKE PLATE
56	NO. 8 X 3" FH WOOD SCREW	2" FROM ASTRAGAL ENDS & 6" O.C.
57	NO. 8 X 2" FH DRYWALL SCREW	1 1/2" & 2 1/2" FROM PANEL ENDS
58	NO. 8 X 1 1/4" WOOD SCREW	10" FROM ASTRAGAL ENDS & 8" O.C.
59	NO. 8 X 1 1/4" WOOD SCREW	4 PER HINGE
60	NO. 8 X 5/8" FH S.S. WOOD SCREW	2 PER HINGE (BOTTOM 2 HINGES)
61	NO. 8-32 X 5/8" FH S.S. MACHINE SCREW	2 PER HINGE (TOP 2 HINGES)
62	NO. 8-32 "T-NUT"	2 PER HINGE (TOP 2 HINGES)

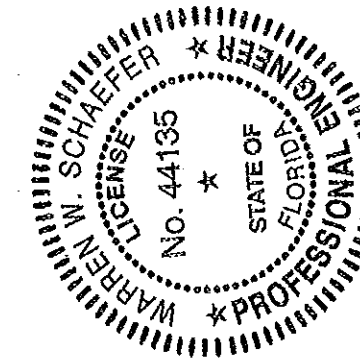
* WOOD USED IN TESTING WAS WESTERN PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY WEATHER SHIELD TO SELECT.



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-0710.02
Expiration Date 04/26/2017
By *Manuel Torres*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1128.03
Expiration Date 04/26/2012
By *Manuel Torres*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0424.15
Expiration Date 04/26/2017
By *Manuel Torres*
Miami Dade Product Control



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 12/13/08	
DATE	BT	REVISION DESCRIPTION	NO.
LEGACY LIFEGUARD FRENCH OUTSWING ROUND TOP DOOR			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
DRAWING TITLE		DRAWING NO. 1509	
CERTIFICATION		REV. B	
NOV 01 2011		SHEET NO. 4 OF 4	